

GROSE et al.
Serial No. 09/646,224
November 10, 2004

AMENDMENTS TO THE DRAWINGS

The attached sheet of drawings includes changes to Figures 1-11, in response to the Notice of Draftperson's Patent Drawing Review attached to the Office Action dated May 10, 2004 (Paper No. 10).

Attachment: Replacement Sheet(s)
Annotated Sheet Showing Changes



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Figure 1

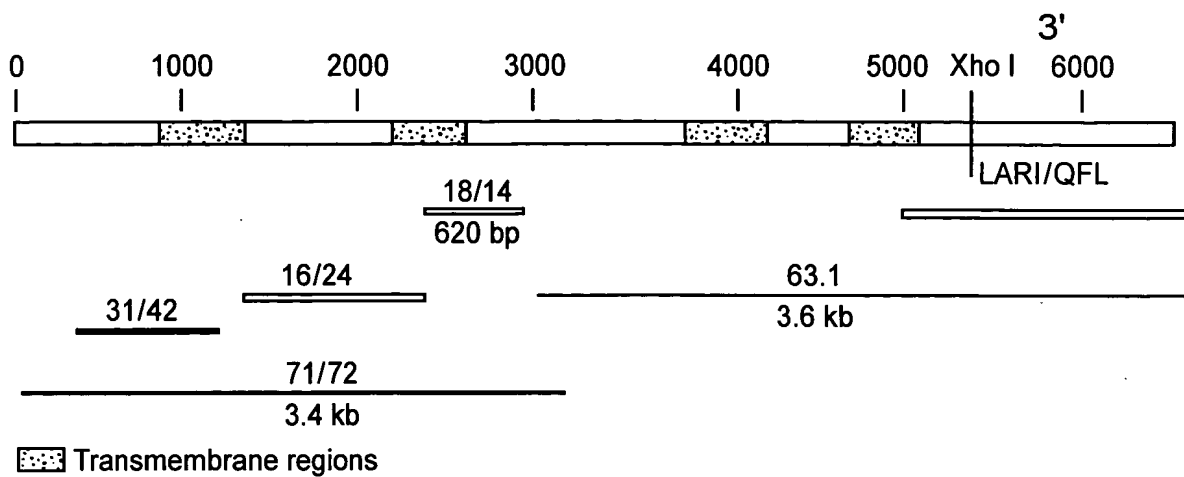
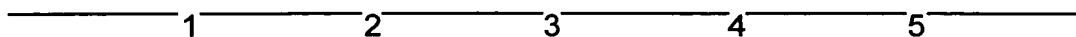
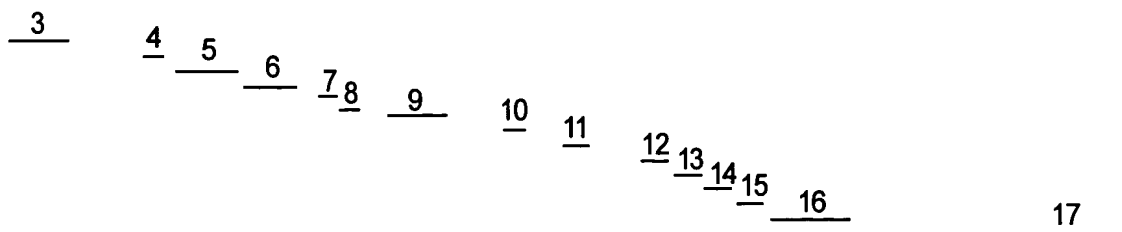


Figure 2

Rat SNS_{2A} - cDNA sequence (kb)



Human SNS_{2A} sequences





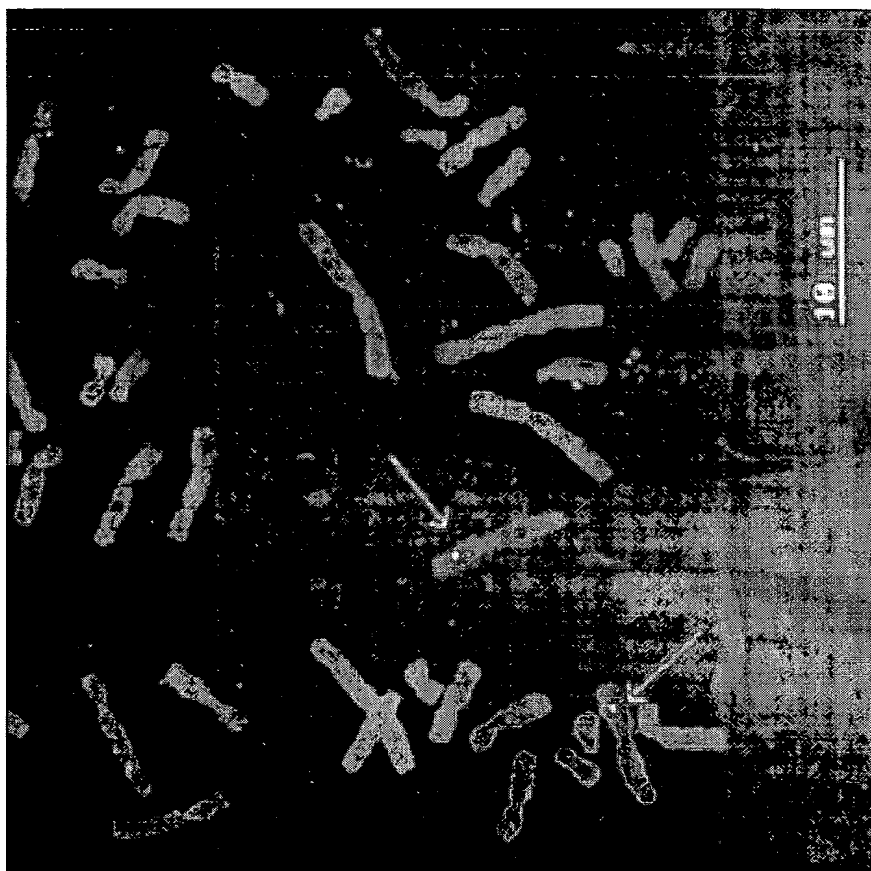
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Figure 3





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Figure 4

1 2 3 4 5 6 7 8 (kb)



- 9.5

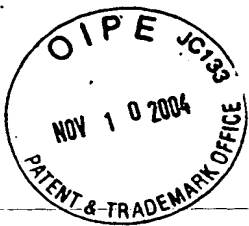
- 7.5

- 4.4

- 2.4

- 1.4

Lane 1	DRG
Lane 2	Spinal cord
Lane 3	Total brain
Lane 4	Adrenal gland
Lane 5	<u>Heart</u>
Lane 6	PC12
Lane 7	PC12 +NGF
Lane 8	RNA Markers (GIBCO 0.24 - .5 kb RNA ladder)



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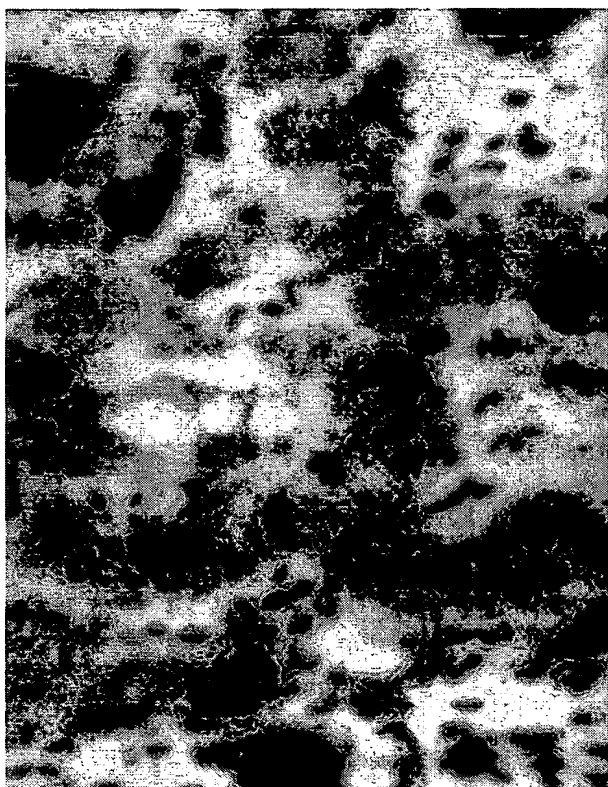


Figure 5A

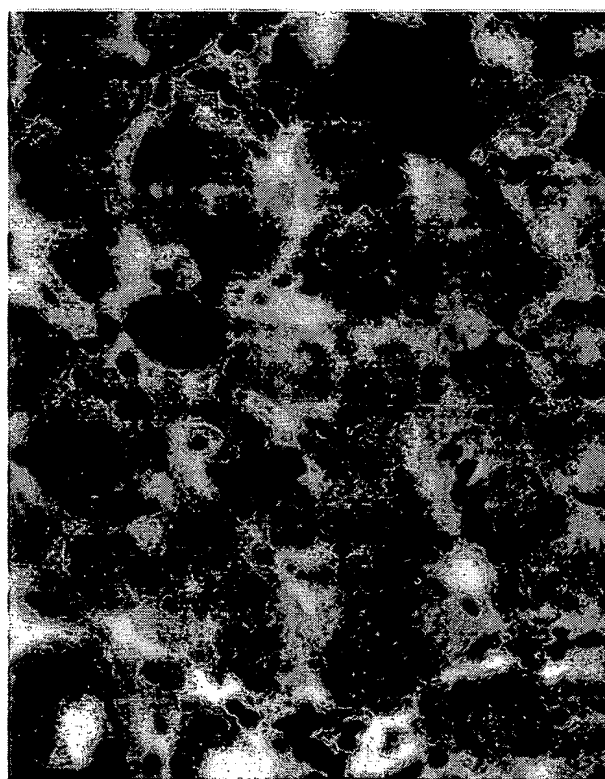


Figure 5B



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Figure 6





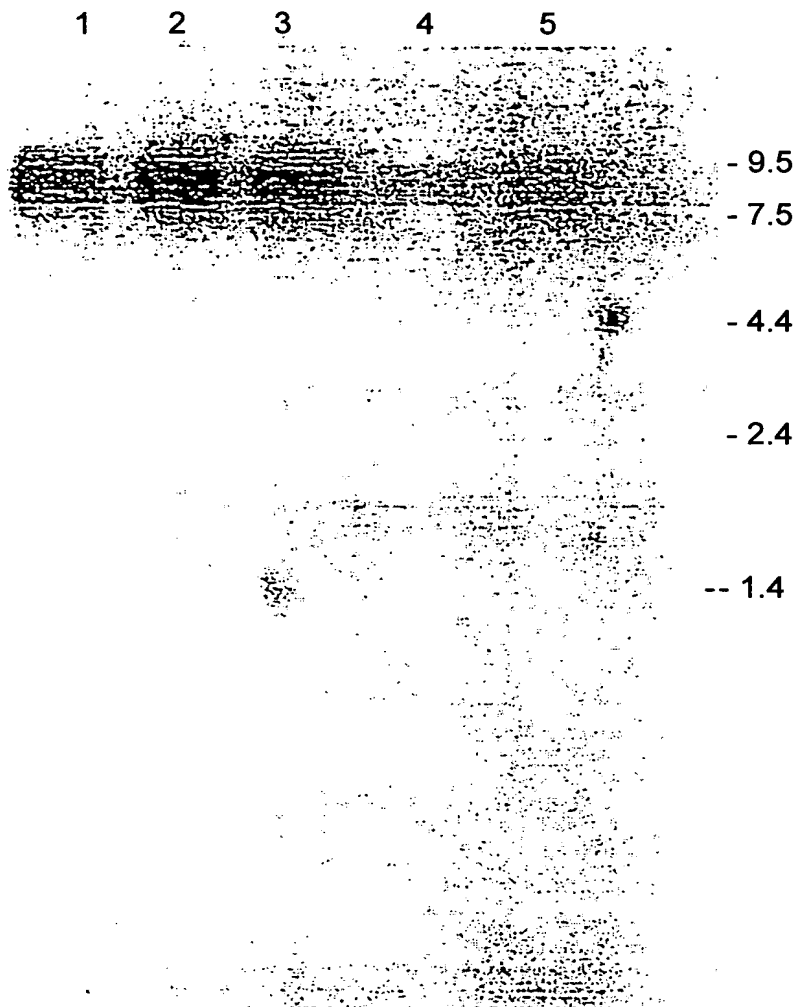
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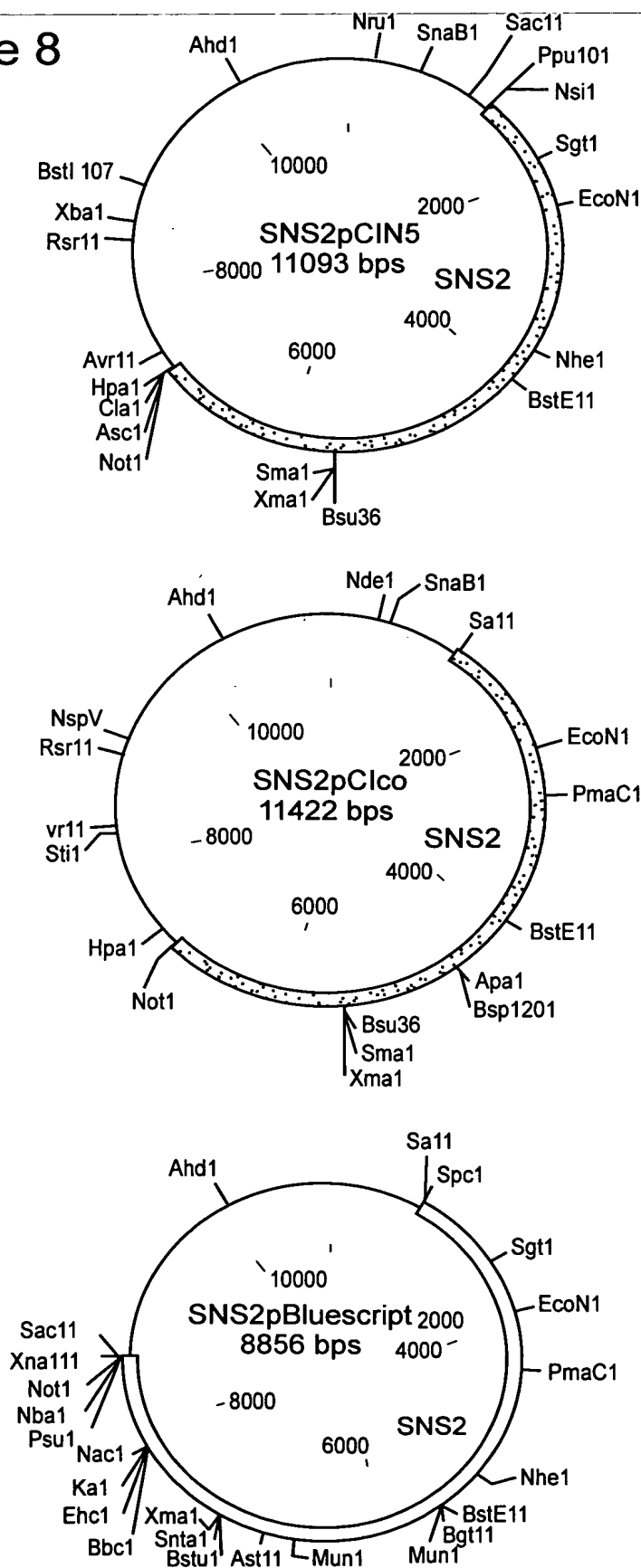
Figure 7

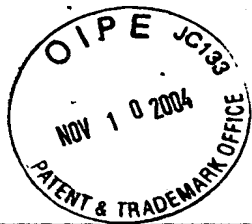


- | | |
|--------|--|
| Lane 1 | Control DRG |
| Lane 2 | DRG + 24 hours complete freunds adjuvant (CFA) |
| Lane 3 | DRG + 24 hours sciatic nerve cut |
| Lane 4 | DRG + 48 hours sciatic nerve cut |
| Lane 5 | DRG + 7 dys hours sciatic nerve cut |

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Figure 8





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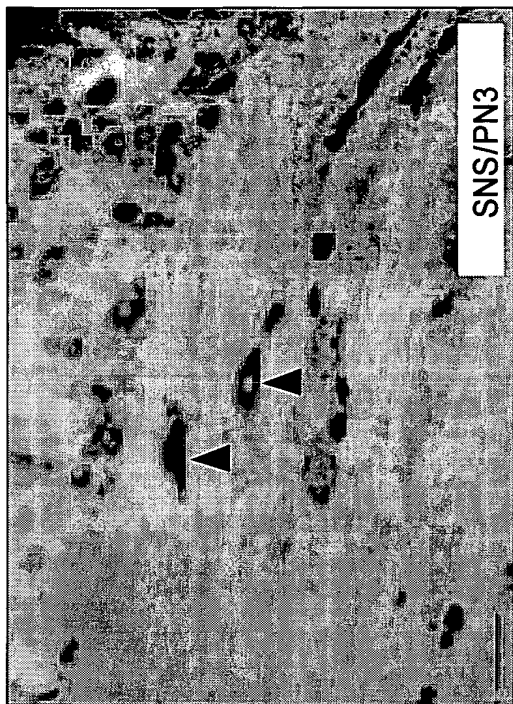


Figure 9B

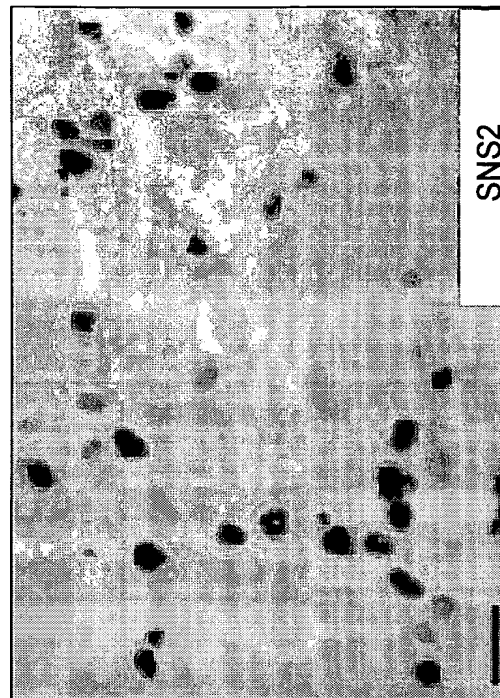


Figure 9E

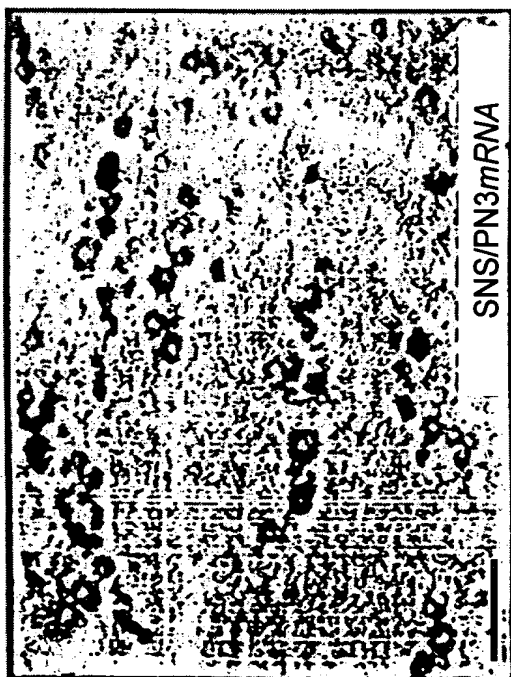


Figure 9A

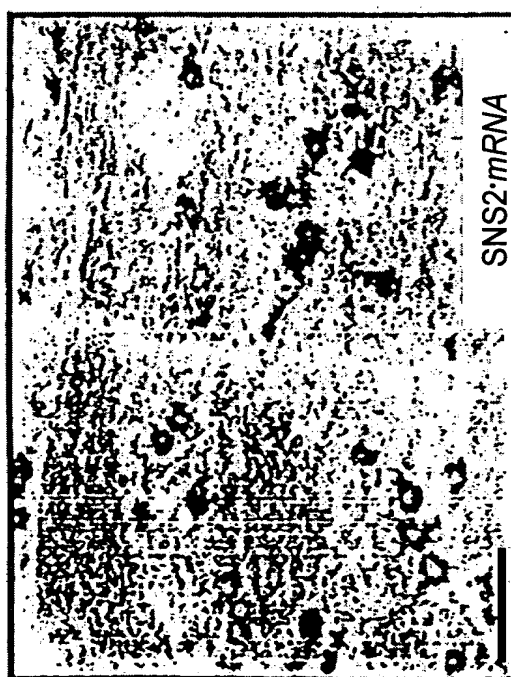


Figure 9D



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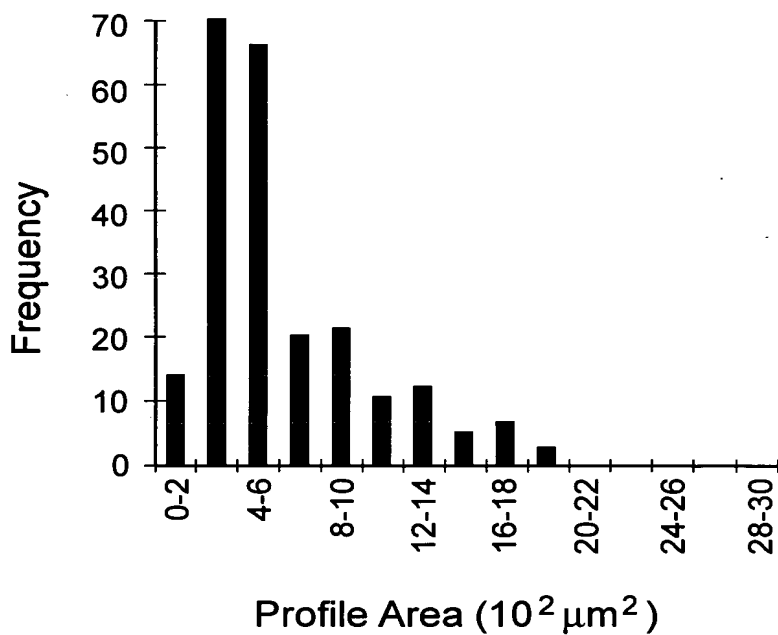


Figure 9C

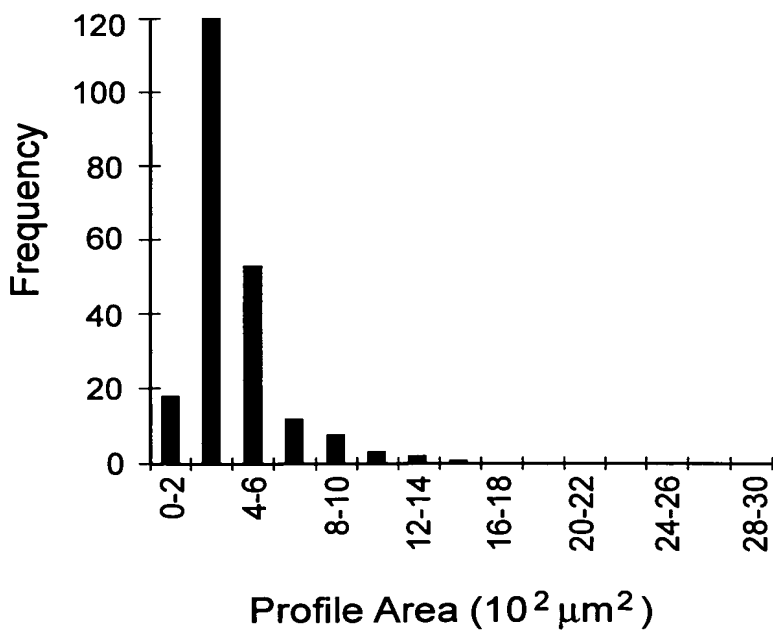


Figure 9F

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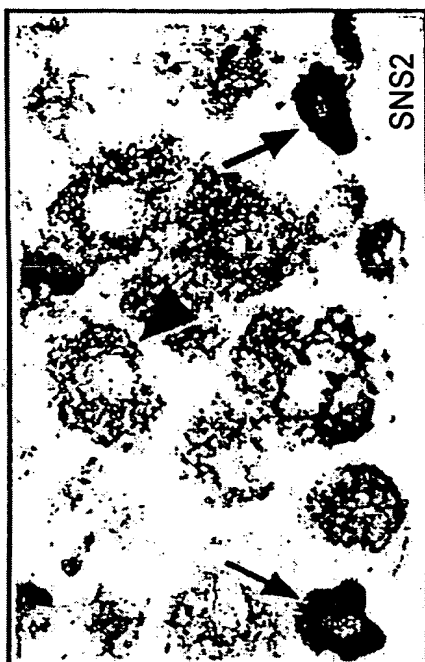


Figure 9H

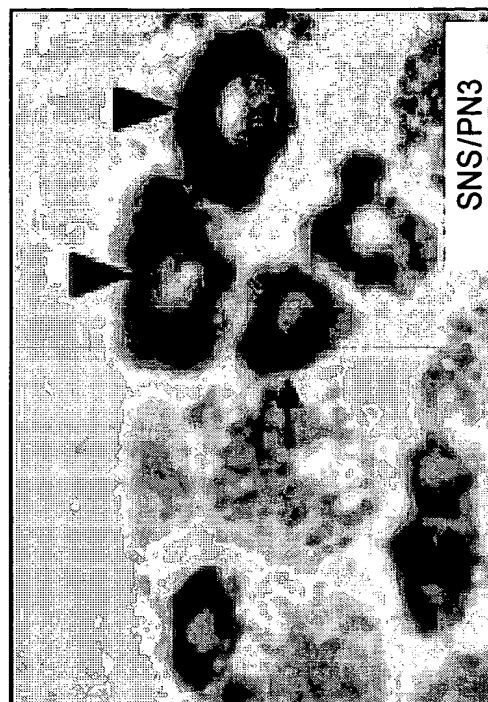


Figure 9J



Figure 9G

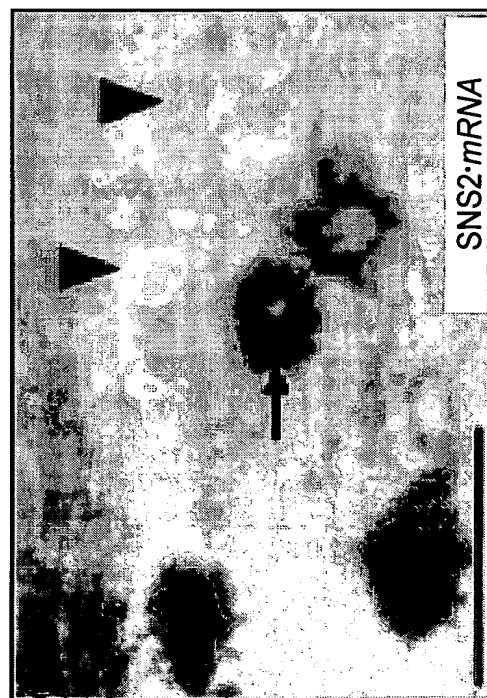


Figure 9I



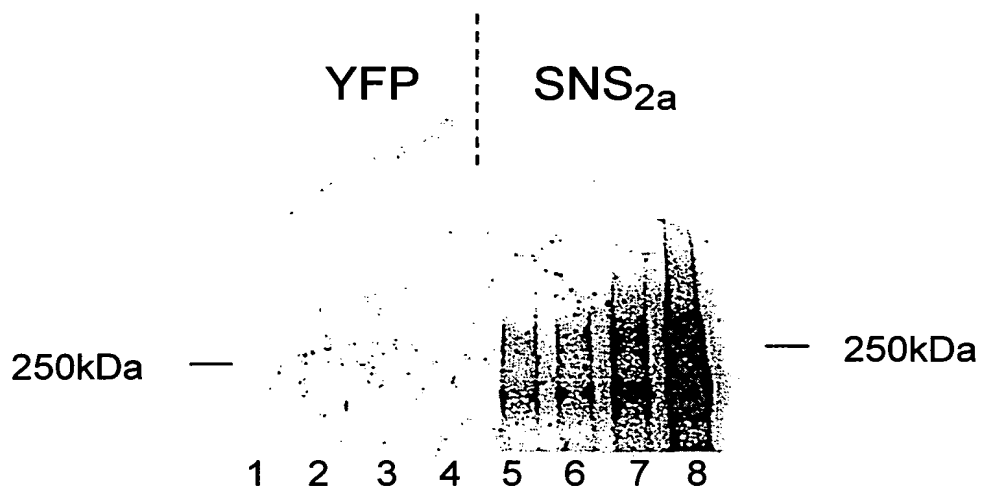
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Figure 10



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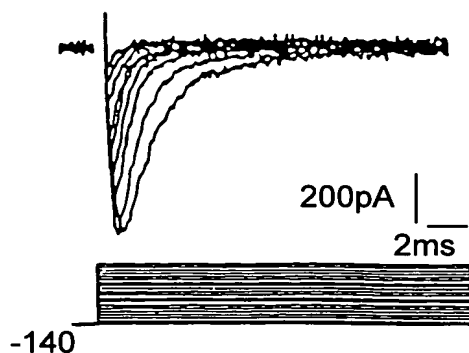


Figure 11A

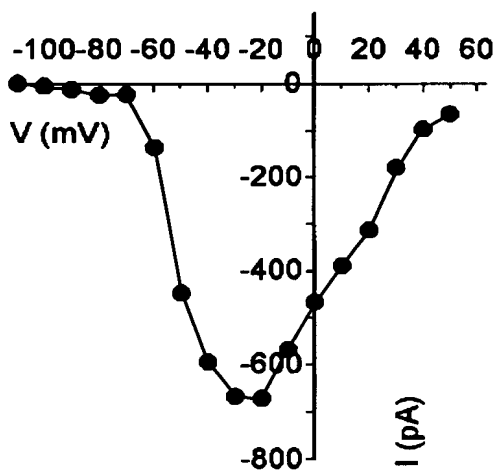


Figure 11B

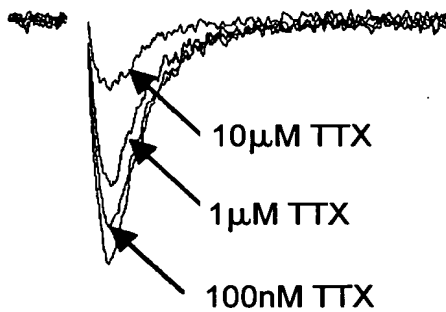


Figure 11C